

Appl. No. 10/802,543
Examiner: DUONG, TAI V, Art Unit 2871
In response to the Office Action dated February 22, 2006

Date: June 21, 2006
Attorney Docket No. 10113951

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (Original): A flat panel display, comprising:

- a housing;
- a panel module having a front frame, a rear frame, and a panel, the front frame being assembled with the rear frame to encase the panel, the rear frame having at least one connecting portion, and a part of the connecting portion being covered by the panel; and
- a main bracket, connecting the housing and the connecting portion of the rear frame.

Claim 2 (Original): The flat panel display as claimed in claim 1, wherein the connecting portion of the rear frame is fixed to the main bracket by screws.

Claim 3 (Original): The flat panel display as claimed in claim 1, wherein the connecting portion is formed by lancing and bending the rear frame.

Claim 4 (Original): The flat panel display as claimed in claim 1, wherein the connecting portion is riveted to the rear frame.

Claim 5 (Original): The flat panel display as claimed in claim 1, wherein the connecting portion is formed by slitting and pressing the rear frame.

Claim 6 (Original): The flat panel display as claimed in claim 1, wherein the connecting portion is formed by deep drawing of the rear frame.

Claim 7 (Original): A flat panel display, comprising:

- a housing;
- a panel module having a front frame, a rear frame, and a panel, and the front frame being assembled with the rear frame to encase the panel; and

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a main bracket disposed in the housing;

wherein the rear frame comprises a receiving portion supporting the panel, a peripheral portion located at periphery of the receiving portion, and at least one connecting portion, a part of the connecting portion is covered by the panel; and the main bracket connects the housing and the connecting portion of the rear frame.

Claim 8 (Original): The flat panel display as claimed in claim 7, wherein the rear frame is fixed to the main bracket by screws.

Claim 9 (Original): The flat panel display as claimed in claim 7, wherein the connecting portion extends from the peripheral portion for a predetermined distance, and is bent to the rear of the receiving portion.

Claim 10 (Original): The flat panel display as claimed in claim 7, wherein the connecting portion is completely disposed on the receiving portion.

Claim 11 (Original): The flat panel display as claimed in claim 7, wherein the connecting portion is a post, an L-shaped protrusion, a bridge-shaped protrusion, or a circular protrusion.

Claim 12 (Original): The flat panel display as claimed in claim 7, wherein the connecting portion is disposed in the vicinity of the peripheral portion.

Claim 13 (Amended): A panel module, comprising:

a panel;

a front frame; and

a rear frame, connected to the front frame to position the panel therebetween,

wherein the rear frame comprises a fastening portion for a fastening device to be mounted therein, and a part of the fastening portion is ~~covered by~~ extended to a back of the panel.

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Claim 14 (Original): The panel module as claimed in claim 13, wherein the fastening device is a screw.

Claim 15 (Original): The panel module as claimed in claim 13, wherein the fastening portion is formed by lancing and bending the rear frame.

Claim 16 (Withdrawn): The panel module as claimed in claim 13, wherein the fastening portion is riveted to the rear frame.

Claim 17 (Withdrawn): The panel module as claimed in claim 13, wherein the fastening portion is formed by slitting and pressing the rear frame.

Claim 18 (Withdrawn): The panel module as claimed in claim 13, wherein the fastening portion is formed by deep drawing of the rear frame.

Claim 19 (Original): A panel module, comprising:

- a panel;

- a front frame; and

- a rear frame, connected with the front frame to position the panel therebetween;

wherein the rear frame has a receiving portion supporting the panel, a peripheral portion located at the periphery of the receiving portion, and at least one fastening portion for mounting a fastening device therein, and a part of the fastening portion is positioned on the receiving portion or extends to a back of the receiving portion.

Claim 20 (Original): The panel module as claimed in claim 19, wherein the fastening device is a screw.

Claim 21 (Original): The panel module as claimed in claim 19, wherein the fastening portion is extended from the peripheral portion for a predetermined distance and bent to the back of the receiving portion.

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Claim 22 (Original): The panel module as claimed in claim 19, wherein the fastening portion is disposed on the receiving portion.

Claim 23 (Original): The panel module as claimed in claim 19, wherein the fastening portion is a post, an L-shaped protrusion, a bridge-shaped protrusion, or a circular protrusion.

Claim 24 (Original): The panel module as claimed in claim 19, wherein the fastening portion is disposed in the vicinity of the peripheral portion.

Claim 25 (Original): A flat panel display, comprising:

- a panel;
- a front frame, disposed in front of the panel;
- a receiving portion, disposed behind the panel;
- a peripheral portion, located at the periphery of the receiving portion;
- a connecting portion, having an arm and a connecting surface, the arm connecting to one of the receiving portion and the peripheral portion, the connecting surface connecting to the arm substantially extending to a back of the receiving portion; and
- a housing, engaged with the panel by the connecting surface of the connecting portion.

Claim 26 (Original): The flat panel display as claimed in claim 25, wherein a screw hole is formed on the connecting surface for a screw to be mounted therein, and the housing is fixed to the connecting portion by the screw.

Claim 27 (Original): The flat panel display as claimed in claim 25, wherein the connecting portion is an L-shaped protrusion, and the connecting surface is positioned at a top of the L-shaped protrusion.

Claim 28 (Withdrawn): The flat panel display as claimed in claim 25, wherein the connecting portion is a reversed U-shaped protrusion, a partial-spherical protrusion, or a cylindrical protrusion, and the connecting surface tips the connecting portion.

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Claim 29 (Original): The flat panel display as claimed in claim 25, wherein the connecting portion comprises a screw post, disposed on the receiving portion.

Claim 30 (Original): The flat panel display as claimed in claim 25, further comprising a bracket, positioned between the connecting portion and the housing, and the connecting portion and housing respectively connected to the bracket at different locations.

Claim 31 (Original): The flat panel display as claimed in claim 30, wherein the bracket has an edge, the connecting portion is engaged with the bracket at a first location, the housing is engaged with the bracket at a second location, and the first location is closer to the edge of the bracket than the second location.

Claim 32 (Original): A flat panel display, comprising:

- a panel;
- a front frame, disposed in front of the panel;
- a receiving portion, disposed behind the panel;
- a peripheral portion, located at the periphery of the receiving portion;
- a connecting portion having a protrusion and a connecting surface, the protrusion connecting to one of the receiving portion and the peripheral portion, the connecting surface and the protrusion substantially extending to a back of the receiving portion; and
- a housing, engaged with the panel by the connecting surface of the connecting portion.

Claim 33 (Original): The flat panel display as claimed in claim 32, wherein a screw hole is formed on the connecting surface for a screw to be mounted therein, and the housing is fixed to the connecting portion by the screw.

Claim 34 (Original): The flat panel display as claimed in claim 32, wherein the connecting portion is an L-shaped protrusion, and the connecting surface is positioned at a top of the L-shaped protrusion.

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Claim 35 (Withdrawn): The flat panel display as claimed in claim 32, wherein the connecting portion is a reversed U-shaped protrusion, a partial-spherical protrusion, or a cylindrical protrusion, and the connecting surface tips the connecting portion.

Claim 36 (Original): The flat panel display as claimed in claim 32, wherein the connecting portion comprises a screw post, disposed on the receiving portion.

Claim 37 (Original): The flat panel display as claimed in claim 32, further comprising a bracket, disposed between the connecting portion and the housing, and the connecting portion and the housing are respectively connected to the bracket at different locations.

Claim 38 (Original) The flat panel display as claimed in claim 32, wherein the bracket has an edge, the connecting portion is engaged with the bracket at a first location, and the housing is engaged with the bracket at a second location, and the first location is closer to the edge of the bracket than the second location.